Page 4, Line 22, delete "15".

Page 8, Line 23, after "will" insert -- not --.

Page 9, Line 3, change "for" to -- from --.

Page 12, Line 20, change "a" to -- as --.

Page 21, Title, delete "NETWORK WAKE-UP".

Page 21, Title, after "PATTERN MATCHING" insert -- IN COMMUNICATIONS NETWORK --.

In the Claims:

Claim 1 (Amended) A network interface card including:

a system interface circuit arrangement;

a network interface circuit arrangement;

a first storage [for storing] that stores a set of patterns;

a second storage [for storing] that stores mask data identifying patterns in the first storage to be matched; [and]

a circuit that receives other data; and

a pattern match logic circuit arrangement correlating marked patterns in said first storage with the other data and generating at least one first control signal if a match occurs between one of the marked patterns and the other data.

Claim 8 (Amended) The network interface card of claim 1 wherein the pattern match logic circuit arrangement includes a first state machine for assembling data received from the network interface circuit arrangement into predetermined sizes and identifying beginnings and endings of data frames; and

a second state machine coupled to the first state machine, said second state including [means for receiving] circuit that receives the predetermined sizes from the first state machine and [means for generating] circuit that generates addresses for accessing the pattern storage and mask storage, whereat data are to be read and used with the predetermined sizes in generating the first control signal.

Claim 9:

Line 1, change "means" to --circuit--.

Claim 12 (Amended) A pattern matching method including the steps of:

(a) providing a set of patterns;

(b) providing [a set of] data to be matched with selected patterns in said set of patterns;

(c) providing [mask] pointers for identifying [portions of] the selected patterns;

(d) correlating the data[, from the set of data,] with [identified portions] the selected patterns in step (c); and

(e) generating a Match signal if the data of step (d) and the [identified portion of the] selected [pattern] patterns match.

Claim 13 (Amended) A method for using in a communications network to wake station connected to the communications network said method including the steps of:

(a) providing, on a network interface card, multiple [a set of] patterns against which data from the communications network is to be matched;

(b) providing mask data indicating [portions of a pattern] the patterns to be used;

a3 Cont'd.

(c) correlating each identified [portion] pattern with data received from the communications network; and

(d) generating a Wake-Up signal if a match occurs in step (c).

Claim 14 (Amended) The method of claim 13 further including the steps of (e) a receiving station correlating a station address with an address received with the data from the communications network; and

(f) generating the Wake-Up signal only if a match occurs in step e [(step e)] and a match occurs in step c [(step c)].